Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 23 Feb 2021 until 23:59 on Wednesday 24 Feb 2021

Forecast Issued on Monday 22 Feb 2021 at 11:16

Confidence: High for windy conditions with rain Tuesday and Wednesday, and for more settled conditions later in week, but Low for details on amounts of rainfall and timings.

Headline for Tuesday 23 Feb 2021: Cloudy and very windy with spells of rain but mild.

Mountain weather hazards on Tuesday 23 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Medium Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	30%	50%	50%	70%	30%	30%	60m

Forecast for Tuesday 23 Feb 2021

Weather: Any patchy mist or fog in valleys in early hours will soon clear with cloud thickening overnight. Lower cloud later in the night will bring outbreaks of rain, but falling as snow on the higher tops at first. Then a cloudy day with rain becoming heavy and persistent in the morning.

Chance of cloud free mountain/hill tops above 800m: 90% in early hours, 40 % by morning, but 10% or less by mid-morning.

Visibility: Poor or very poor in mist and fog in early hours, otherwise mostly good overnight. Broken cloud above 500-600m by the morning and becoming extensive above 400-500m by mid-morning in more persistent, bringing poor or very poor visibility at height.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 23 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/47 S	48/61 S	54/69 S	53/69 S	51/67 S	51/68 S	50/66 S	50/68 S	48/66 S
600	31/44 S	38/54 S	41/59 S	40/57 S	38/55 S	38/56 S	37/55 S	38/57 S	37/56 S
300	9/31 S	12/38 S	15/44 S	14/43 S	15/44 S	15/44 S	15/44 S	16/46 S	17/46 S
Valley	9/27 S	11/31 S	14/39 SE	16/42 S	18/43 S	19/46 S	20/45 S	21/46 S	22/46 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-7	1/-8	2/-7	1/-8	3/-6	4/-4	5/-3	5/-3	5/-2
600	2/-5	2/-6	2/-6	3/-5	4/-3	6/-1	6/0	6/0	7/0
300	4/-0	3/-1	4/-0	5/0	6/2	8/4	8/5	8/5	8/5
Valley	6/3	6/3	6/3	7/3	8/5	10/6	10/6	10/6	10/6
Freezing Level*	800m	800m	900m	2200m	2200m	2500m	2400m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very windy with some chill effect and some snow on the tops at first, but generally mild. Some very strong gusty winds even on lower leeward slopes. Strength of wind will cause mobility issues and bring risk of being blown over.

Forecast for Wednesday 24 Feb 2021

Weather: Cloudy, mild and windy with further outbreaks of rain, some heavy, but clearing to showers in evening.

Maximum wind: South to southwest 30-35 gust 45mph, but 45 gust 60mph over higher tops. Decreasing 25-30 gust 40mph through the morning and turning westerly in evening.

Chance of cloud free mountain/hill tops above 800m: Not much chance until improving 40% in evening

Visibility: Poor or very poor at height with extensive cloud above 400-500m, becoming more broken and lifting above tops at times in evening as rain clears. Moderate occasionally poor beneath cloud until evening too.

Temperature: **Valleys:** Plus 9-11C falling to plus 5C later
At 800m: Plus 6C falling to plus 2C later
Freezing level: Above the summits

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Monday 22 February 2021. Location: Helvellyn summit at 11:40 Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally to where they live. The Lake District fells and most paths are now generally clear of snow. The remaining patches can be found on N through E aspects above 800m. The snow is generally soft apart from where it has been compressed by walkers feet. Additionally there are still some large areas of sheet ice to contend with especially around the edges of the snow patches. If you do stray onto the snow, through choice or necessity, then winter equipment such as an ice axe, crampons and or microspikes will be very important in keeping you safe. With careful route choice Striding Edge can now be climbed without setting foot on snow with a clear line up the headwall on climbers left. This can be tricky to find in descent. The easier lines on the northern flank of the ridge are still very snowy / icy. Swirral Edge is still pretty wintery and the extra security of an ice axe, microspikes and or crampons will be appreciated by most walkers as there are a number of unavoidable snow patches above large drops to cross. There are still some large and unstable cornices above N through E aspects which are slumping in the warmer temperatures. Please give them a wide berth and advise others with less experience to do likewise. As a result of the winters freeze thaw action there is now also a lot of loose rock on the fells including on popular routes such as the Helvellyn edges. Although it felt like spring on the fells today we are still very much in the middle of the winter season so please be prepared with plenty of warm and waterproof layers, a reliable and accurate way of navigating, a headtorch and plenty of food & drink plus any winter equipment required to keep you safe on your chosen route. Please be conservative with your plans and know both your limits and also when to turn back. Temperature: plus 1.0 C, Maximum wind speed 13.5 mph, Wind chill: minus 5.4 C, Average wind speed: 10.7 mph.

Issued at: 1116 on Mon 22 Feb 2021

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